

### DOI Work Activity 84: Manage IT Architecture

<b>Program Area:</b>	Indirect Cost
<b>End Outcome Goal:</b>	Not applicable
<b>Intermediate Outcome:</b>	Not applicable
<b>DOI Sub process:</b>	5b - Sustain Organizations

#### Examples/Notes

**Work Activity Description:** **Manage IT Architecture (DOI Work Activity 84)** is to be used to report all work for developing, coordinating, and implementing policies, standards, guidelines, reporting, and providing related technical assistance for enterprise architecture.

Tasks required to develop, manage and utilize the architecture are reported under this activity, including monitoring and reporting of business data and processes. This activity includes all Interior Enterprise Architecture (IEA) and bureau architecture team work including creation and maintenance of target architectures and modernization blueprints that are not attributable to individual IT projects or investments.

Manage IT Architecture includes management of the program, including direct and indirect periodic or continuing costs of operation, maintenance, and management of the architecture and all related artifacts and processes. Reporting under this activity correlates to IT investment reporting under the OMB Exhibit 53 Part 3. IT Architecture and Planning.

Use **Manage IT Architecture (DOI Work Activity 84)** for:

- Establishment and operation of IT architecture program functions or offices
- Conducting any functions directly related to operation of architecture tools, e.g. Department Enterprise Architecture Repository (DEAR) and Bureau Enterprise Architecture Repository (BEAR), including data capture and maintenance
- Capture and maintenance of IT architecture artifacts, business information metadata and information on technology used by the business
- Capture, analysis and maintenance of business processes
- Developing, implementing, or providing oversight of policies and procedures for
  - Lifecycle management of data
  - Setting standards for consistency, accuracy, reliability and timeliness of data
  - Storage, scheduling and maintenance of data
  - Database design and performance
- Data modeling, synchronization for all data structure changes, migration, and interoperability
- Planning, coordinating, scheduling, or conducting recurring training for IT architecture
- Creation and maintenance of target architectures and modernization blueprints
- Preparation for, participation in, and operation of architecture teams or other teams when working on IT architecture matters
- Conducting architecture analysis and compliance, including automation studies and assessments when upgrading and installing new software/hardware and its related business processes

**This work activity is NOT to be used to report architecture costs for individual IT investments or projects, which are to be reported under DOI Work Activity 80 - Plan IT Investments, DOI Work Activity 81 - Acquire IT Investments, or DOI Work Activity 82 - Operate and Maintain IT Investments.**

Implementation of modernization blueprints, and development of solution architecture artifacts for individual IT assets are to be captured under **DOI Work Activity 81 - Acquire IT Investments (81)**.

<b>Output:</b> N/A	<b>Unit of Measure:</b> N/A
<b>Inputs:</b>	<b>Cost Drivers:</b>

**System Interfaces:**

**DOI Program Area Contact:** Colleen Coggins (OS/OCIO)